



CEA-tr-R-1404 Uncl.

DILATATION THERMIQUE DU PLUTONIUM. (Thermal
Dilatation of Plutonium). N. T. Chebotarev
(Tchebotarev) and A. V. Beznosikova
(Beznossikova). Translated into French
from Atomnaya Energ., 7: 68-9(1959). 10p.

Metallurgy; Translations MC-25

C-25 NP NSA Dep.(mc): \$1.10(fs), \$0.80(mf)
JCL or OIS

N-6

New Data on the Concentration of C^{14} in the
Atmosphere, by U. V. Sivintsev.

RUSSIAN, per, Atomnaya Energiya, Vol VIII, 1960,
pp 573-576.

NZDIA

Sci-Earth Sci & Astron
Mar 63

225,390

Breshenkova, E. B. and Orlov, V. V.
RÉSOLUTION DE L'ÉQUATION CINÉTIQUE POUR UN
MILIEU A SOURCE PONCTUELLE UNIDIRECTION-
NELLE (Reshenie Kineticheskogo Uravneniya dlya
Sredy S Tocheynym Monopravlenym Istochikom)
tr. by [B.] de Trezvinaky. 10 Jan 62 [8]p. 6 refs.
CEA Trans. no. R1472. 62-24569
GTS or SLA \$1.10

62-24569

- I. Breshenkova, E. B.
- II. Orlov, V. V.
- III. CEA-tr R1472
- IV. Commissariat à l'Énergie
Atomique (France)

The Selection of the Optimum Parameters for a
Nuclear Power Station, by A. Ya. Kramerov, 38 pp.

RUSSIAN, per, Atomnaya Energ, Vol X, 1961, pp 211-
221.

AEC Tr-4611

Sci - Nuc Phys
Aug 61

165,392

Nature of Residual Defects in Irradiated Neutrons
and Deformed Monocrystals, by Ye. V. Kolontsova,
4 pp.

RUSSIAN, per, Atomnaya Energiya, No 3, 1961, p 227.

AF 1452354

Sci - Nuc Phys
Sep 61

169,012

(NY-6923)

Theory of Effective Cross Sections of Heavy
Nuclei in the Region of Partial Overlap of
Neutron Resonances, by A. A. Luk'yanov,
V. V. Orlov, 9 pp.

RUSSIAN, per, Atomic Energy, Vol X, Feb 61,
pp 262-264.

12578

JPRS 12563

UNSR

Chem

Feb 62

185, 797

(NY-6923)

Fast Neutron Capture Cross Sections for
Niobium, Nickel, and Iron, by Yu. Ya.
Shurkin Stavitskiy, A. V. Shaper, 5 pp.

RUSSIAN, per, Atomic Energy, Vol X, March 61,
pp 264, 265.

12572
JPRS 18603

USSR
Chem
Feb 62

185,798

(SF-1913/a)

Ninth Session of the Scientific Council of the Joint
Nuclear Research Institute, by V. Biryukov, 8 pp.

RUSSIAN, per, Atom Energi, No 3, 1961, pp 282-285.

JPRS 4929

Sci - Nuclear Phys

168, 957

Sep 61

BD-35/61

(BF-1913)

Conference of the Representatives of Twelve
Governments, by V. Biryukov,

RUSSIAN, per, Atomnaya Energiya, No 3, 1961,
p 285.

JPRS 4767

Sci - Nuc Phys

11 Jul 61

A New General-Purpose Chamber for Working
With α -, β - and γ -Radioactive Substances,
by G. N. Lokhanin, V. I. Sinitsyn, 4 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4, 1961.
25/2004

FTD MEL-1208/1

Sci - Nuc/Phys

176, 149

10 Dec 61

Monte-Carlo Calculation of the Passage of
 γ -Radiation From a Plane Cs^{137} Source
Through Aluminum Under Conditions of Barrier
Geometry, by A. F. Akhmedov, D. N. Kaipov,
2 pp.

RUSSIAN, 1961, Atom Energ, Vol X, No 4, 1961,
1961004

FTD MCL-12000/1

176.400

Sci - Phys

18 Dec 61

A Change in the Activity of Fission Products
of ^{235}U and ^{239}Pu With Time, by F. K.
Levochkin, A. Ia. Sokolov, 4 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4, 1961.
0670001

FTL MCL-1208/1

Sci - Phys

176, 402

18 Dec 61

Descriptive Exhibit "The Use of Radioactive
Isotopes for the Control and Automation of
Industrial Processes", by V. M. Fatskovich,
S. A. El Paroplozhikov, 8 pp.

MOBIL, per, ALCA Energ, Vol X, No 4, 1961,
20/0004

FTD MCL-1206/1

Sci - Nuc/Phys

176, 403

10 Dec 61

Thermionic Energy Converters, by
B. A. Ushakov, 2 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4,
1961, pp 343-346. 96/2004

FTD MCL-1208/1

Sci - Nuc/Phys

116, 155

18 Dec 61

Radioactive Properties of Fission-Fragment
Preparations, by N. G. Dykov, P. V. Zilakov,
V. V. Shlichenko, 11 pp.

RUSSIAN. per, Atom Energ. Apr 1961, pp 362-367.
9579407

PP-44-61 30

Oct - Page

150 312

1 Jan 62

Ternary Fission of U^{233} , U^{235} , Pu^{239} , and
 Pl^{241} Nuclei, by T. A. Mostovaya, 4 pp.

RUSSIAN, per, Atom Energi, Vol X, No 4,
1961, pp 372-373. 9672004

FTD MCL-1208/1

Sci - Phys

176, 157

18 Dec 61

Measurement of the Kinetic Characteristics of
a Reactor by a Statistical p-Method, by
A. I. Mogil'ner, V. G. Golotukhin, 5 pp.

RUSSIAN, per, Atom Energi, Vol X, No 4,
1961, pp 377-392. 9672004

FTD MCL-1208/1

Sci - Phys

176, 156

18 Dec 61

**Radiometric Method of Assaying Solutions
for Uranium in the Presence of Ionium, by N. N.
Shashkina.**

**RUSSIAN, per, Atomnaya Energiya, Vol X, No 4, 1961,
pp 392-393.**

**Dept of Interior
TNT 857 No 548**

215,913

**Sci - Min/Met
Oct62**

Shashkin, N. N.
RADIOMETRIC METHOD OF ASSAYING SOLUTIONS
FOR URANIUM IN THE PRESENCE OF IONIUM
(Radiometricheskii Metod Opredeleniya Kontsentratsii
Urana v Rastvorakh, Soderzhashchikh Ioni) tr. by
Ivan Mitin. 1962 [5]p. 2 refs.
Order from OTS or SLA \$1.10

62-32146

Trans. of ~~Atomnaya Energiya~~ (USSR) 1961, v. 10,
no. 4, p. 392-393.

DESCRIPTORS: *Uranium, Solution, Determination,
*Thorium, *Radiochemistry, Radioactivity,
Scintillation counters.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9,
no. 11)

62-32146

I. Shashkin, N. N.
II. Geological Survey,
Denver, Colo.

Office of Technical Services

Distribution of the Number of Counts
Recorded by a Neutron Detector Located in
a Reactor, by V. G. Zolotukhin
A. I. Bogil'ner, 6 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4,
1961, pp 396. 2672004

FTD MCL-1208/1

Sci - Nuc/Phys

176, 158

15 Dec 61

Use of a Monochromator to Measure the
Thermal-Neutron Spectra of a Nuclear Reactor,
by Yu. Yu. Glazkov, B. G. Dibovskiy,
P. M. Kuznetsov, 7 pp.

RUSSIAN. per, ~~Atom Energ~~, Vol X, No 4, 1961,
pp 403-404. 9672004

FTD MTL-1208/1

Sci - Phys

176,159

18 Dec 61

Turbulent-Flow Heat Transfer in Liquid
Metals, by V. I. Subbotin, M. Kh. Ibragimov
M. H. Ivanovskiy, 6 pp.

RUSSIAN, per, Atom Energi, Vol X, No 4, 1973.
pp 406-407. 9672004

FTD MCL-1208/1

Sci - Phys

176, 161

18 Dec 61

Calculation of the Passage of Fast Neutrons
Through Cylindrical Channels in Biological
Shielding, by B. R. Bergel'son, 5 pp.

RUSSIAN, for, Atom Energi, Vol X, No. 4, 1961,
pp 412-415. 957200P

FTD MCL-1203/1

Sci - Eng

176, 160

10 Dec 61

Spectrum of Scattered γ -Radiation, by
V. S. Anastasevich, 5 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4, 1960
pp 420-422. 2572004

FTD MCL-1208/1

Gen - Mic/rhys

176, 162

18 Dec 61

(DC-6092)

Five Years of Work at the Joint Nuclear Research
Institute, by D. I. Blokhintsev, 46 pp.

RUSSIAN, per, Atomnaya Energiya, Vol X, No 4,
1961, pp 317-342.

JPRS 8770

Sci - Nuclear Phys
Sep 61

167,022

Precise Comparison Between Medium Kinetic Energy
Particles During the Separation of the U-235
Excited Neutrons and the Neutrons with 5 MeV
Average Energy, by V. N. Okolovitch, et al.
RUSSIAN, Int. Atom. Energy, Vol 12, No 6, 1962,
pp 461-466.
DOC LIB/ATNY 199

sci/ nuclear sci
may 69

388,719